

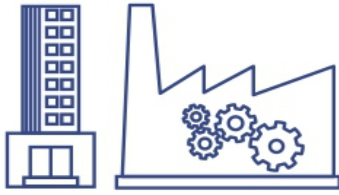


120W, 24V, 5A AC to DC DIN-Rail Power Supply with PFC Function

TI-S12024 (v1.0R)

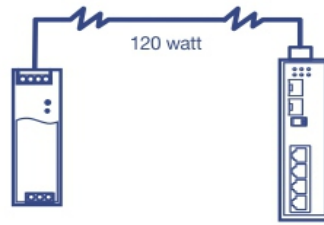
- Industrial power supply with integrated DIN-rail mount
- Provides up to 120W of power (24V DC, 5A)
- High efficiency 91% and low power dissipation
- 150% peak load capability
- Built-in active Power Factor Controller (PF > 0.93)
- Cooling by free air convection
- Protections: Short circuit, overload, over voltage, over temperature
- UL 508 approved
- Built-in DC OK relay contact
- 100% full load burn-in test
- -25° – 70° C (-13° – 158° F) operating temperature range

TRENDnet's AC to DC Industrial DIN-Rail Power Supply, model TI-S12024, supplies up to 120W (24V DC, 5A) of power to industrial equipment such as PoE switches, network cameras, and WiFi access points. This DIN-Rail power supply comes with active PFC, an integrated DIN-rail mount, and overload current protection.



Industrial Applications

Power network devices for manufacturing, general industrial, warehousing, surveillance, and corporate applications.



120W Power

Provides up to 120W (24V DC, 5A) of power for PoE devices such as switches, network cameras, and access points.



Operating Temperature

Designed for industrial environments with an operating temperature range of -25° – 70° C (-13° – 158° F).



120W Power

Provides up to 120W (24V DC, 5A) of power for PoE devices such as switches, network cameras, and access points



Active PFC

Built-in active Power Factor Controller (PFC, PF > 0.93) helps eliminate unusable reactive power



Protection

Overload, short circuit, over voltage, over temperature



Full Load Test

This power supply undergoes a 100% full load burn-in test



Passive Cooling

Cooling by free air convection



DIN-Rail Mount

Metal enclosure with integrated DIN-rail mount



Operating Temperature

Designed for industrial environments with an operating temperature range of -25° – 70° C (-13° – 158° F)



Safety Certifications

Certified for UL 508 and TUV EN60950-1



Electro Magnetic Emission/Immunity

Compliance to EN55011, EN55022 (CISPR22), EN61204-3 Class B, EN61000-3-2/3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2, EN61204-3, heavy industry level, criteria A, SEMI F47, and GL approved



Vibration Resistant

Rated for vibration (IEC 60068-2-6)



LED Indicator

LED indicator confirms power to the unit

Specifications

Interface	<ul style="list-style-type: none"> • Input: 88 – 264V AC, 57 – 63Hz, 1.8A • Output: 120W, 24V, 5A • DIN-rail: TS-35/7.5 or 15
Housing	<ul style="list-style-type: none"> • DIN-rail mount • Power LED indicator
Special Features	<ul style="list-style-type: none"> • DC OK relay contact • 150% peak load capacity • Short circuit/overload/over voltage/over temperature protection • Protection type: shutdown and repower
Operating Temperature	<ul style="list-style-type: none"> • -25° – 70° C (-13° – 158° F)
Operating Humidity	<ul style="list-style-type: none"> • Max. 95% non-condensing

MTBF	• 2,899,000 hours
Dimensions	• 40 x 125 x 114mm (1.6 x 4.9 x 4.5 in.)
Weight	• 670g (23.6 oz.)
Certifications (Mean Well)	<ul style="list-style-type: none"> • CE • UL 508CB 60950-1 • TUV EN60950-1
Warranty	• 1 year

PACKAGE CONTENTS

• TI-S12024 (Mean Well SDR-120-24)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.